**DDL Commands**

**Aim:** To familiarise the DDL Commands

**Procedure**

1. Write a query to create a table **EMPLOYEE** with **emp\_id, emp\_name, emp\_desig and emp\_salary**

SQL> CREATE TABLE EMPLOYEE (emp\_id number(2), emp\_name varchar2(20), emp\_desig varchar2(20), emp\_salary number(4,2));

1. Write a query to display the column name and its Datatype of table **EMPLOYEE**

SQL> DESC EMPLOYEE;

1. Write a query for create a table from an existing table with all the fields

SQL> CREATE TABLE EMPLOYEE1 AS SELECT \* FROM EMPLOYEE;

SQL> DESC EMPLOYEE1;

1. Write a query for create a table from an existing table with selected fields

SQL> CREATE TABLE EMPLOYEE2 AS SELECT emp\_id, emp\_name, FROM EMPLOYEE;

SQL> DESC EMPLOYEE2;

1. Write a query to alter the column **emp\_id number(2)** to **emp\_id number(4)**

SQL>ALTER TABLE EMPLOYEE MODIFY emp\_id number(4);

SQL> DESC EMPLOYEE;

1. Write a query to alter table EMPLOYEE with multiple columns **emp\_id number(4), emp\_name varchar2(30)**

SQL>ALTER TABLE EMPLOYEE MODIFY (emp\_id number(4), emp\_name varchar2(30));

SQL> DESC EMPLOYEE;

1. Write a query to add new column **emp\_qualif** to the table **EMPLOYEE**

SQL>ALTER TABLE EMPLOYEE ADD emp\_qualif varchar2(8);

SQL>DESC EMPLOYEE;

1. Write a query to add multiple columns **emp\_DOB, emp\_DOJ** into **EMPLOYEE**

SQL> ALTER TABLE EMPLOYEE ADD (emp\_DOB date, emp\_DOJ date);

SQL>DESC EMPLOYEE;

1. Write a query to drop a column **emp\_qualif** from an existing table **EMPLOYEE**

SQL> ALTER TABLE EMPLOYEE DROP COLUMN emp\_qualif;

SQL>DESC EMPLOYEE;

1. Write a query to drop a multiple columns **emp\_DOB, emp\_DOJ** from an existing table **EMPLOYEE**

SQL> ALTER TABLE EMPLOYEE DROP (emp\_DOB, emp\_DOJ);

SQL>DESC EMPLOYEE;

1. Insert 5 values on the basis of **EMPLOYEE** Table

SQL>INSERT INTO EMPLOYEE VALUES (1001,'TONY', 'SOFTWARE ENGINEER', 20500.00);

SQL>INSERT INTO EMPLOYEE VALUES (1002,'TIM', 'TECHNICAL LEAD', 18000.00);

SQL>INSERT INTO EMPLOYEE VALUES (1003,'Sony', 'ANAYLYST', 20000.00);

SQL>INSERT INTO EMPLOYEE VALUES (1004,'Anoop', 'Software Architect', 25000.00);

SQL>INSERT INTO EMPLOYEE VALUES (1005,'Sumith', 'Intern', 12000.00);

SQL> SELECT \* FROM EMPLOYEE;